

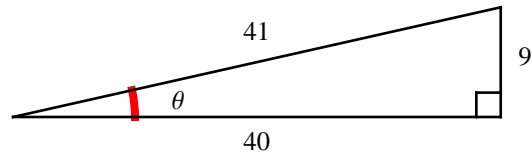
# Math 1613 - Trigonometry

Quiz #3 - 2010.09.14

Solutions

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4. Give the six trigonometric function values of angle  $\theta$  as depicted in the following figure.



$$\sin(\theta) = \frac{9}{41}, \quad \cos(\theta) = \frac{40}{41}, \quad \tan(\theta) = \frac{9}{40}$$
$$\csc(\theta) = \frac{41}{9}, \quad \sec(\theta) = \frac{41}{40}, \quad \cot(\theta) = \frac{40}{9}$$